



# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

[www.mits.ac.in](http://www.mits.ac.in)



Affiliated to JNTUA, Ananthapuramu & Approved by AIVTE, New Delhi  
NAAC Accredited with A+ Grade, NIRF India Rankings 2022 - Band: 251 - 300 (Engg.)  
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA

Report on

## Guest Lecture on “Low-Cost Housing”

Organized by:



**BUILDERS CLUB**




Under the

**Department of Civil Engineering**

on

**15<sup>th</sup> December 2022**

*Submitted by: Dr. Priyam Nath Bhowmik (FIC- Builders Club), Assistant Professor in the Department of Civil Engineering, Madanapalle Institute of Technology & Science (MITS).*

 <b>MADANAPALLE INSTITUTE OF TECHNOLOGY &amp; SCIENCE</b> www.mits.ac.in (UGC-AUTONOMOUS INSTITUTION) ESTD: 1998		
Guest Lecture on <b>"LOW-COST HOUSING "</b> Organized by Builder's Club Department of Civil Engineering		
		
	<b>Dr. M.L. VARA PRASAD</b> M-Tech, PhD (NIT-Warangal), A.M ASCE, M.I.E., M.ISTE Associate Professor & Associate Dean (P&D) (NIT-Silchar) <b>RESOURCE PERSON</b>	Date: 15-Dec-2022 <b>SEMINAR HALL-A</b> FROM 10:00 AM TO 11:30 AM
<b>CHIEF PATRON</b> <b>Dr. N. VIJAYA BHASKAR CHOUDARY</b> SECRETARY & CORRESPONDENT	<b>PATRON</b> <b>Mrs. N. KEERTHI</b> EXECUTIVE DIRECTOR	<b>CO-PATRON</b> <b>Dr. C. YUVARAJ</b> PRINCIPAL
<b>CO-CHAIR</b> <b>Dr. DIPANKAR ROY</b> HOD-CIVIL	<b>FACULTY COORDINATOR</b> <b>Dr. PRIYAM NATH BHOWMIK</b> ASSISTANT PROFESSOR	<b>STUDENT COORDINATOR</b> <b>A. VYSHNAVI</b>

**Dignitaries Present:** Dr. M.L. Vara Prasad, Associate Professor, Department of Civil Engineering, National Institute of Technology Silchar (NITS).

Dr. P. Ramanathan, Professor, Department of ECE and Vice-Principal Academics, Madanapalle Institute of Technology & Science, Madanapalle.

Dr. Dipankar Roy, Professor & Head, Department of Civil Engineering, Madanapalle Institute of Technology & Science, Madanapalle.

**Resource Person:** Dr. M. L. V. Prasad pursued B. Tech in Civil Engineering from S. V. University, Tirupathi, Andhra Pradesh in 1999 and M. Tech in Structural & Construction Engineering from Kakatiya University, Warangal, Telangana in 2004. Later Pursued Ph.D. from National Institute of Technology Warangal, Telangana in 2012. At present he is working as an Associate Professor, Civil Engineering Department, NIT, Silchar. Here, he extended research work in the directions of new concrete materials like, Behavior of Eco-Friendly Self Compacting Concrete in cyclic loading by considering dynamic and Earthquake analysis. Further he Extended the work in the field of new materials in construction,

especially in the mechanical and durability properties of new concrete materials used with different areas like fiber reinforced concretes, self-compacting concrete, geopolymers concrete, recycled aggregate concrete, eco-friendly materials and sustainability concepts. He has 2 patents under his name, 21 international journal publications in reputed journals, 17 international conferences and 8 book chapters. He is the member of various bodies like Institute of Engineers, Indian Society for Technical Education, American Society of Civil Engineers and Indian Concrete Institute. He is currently the Associate Dean (P&D) at NIT Silchar. He has also conducted many conferences and workshops and also been a key speaker in various events.

**Objective of the Program:** The main motto of the lecture session was to bring in the urge of interest for innovative materials in low-cost housing. The main target of the session were the civil engineering undergraduates. The session was very helpful for the civil engineering students to get ideas on the new materials that are being used for the construction of low-cost housing. The students also learnt about new innovative materials for construction which has led to research curiosity among the young minds.

**Event details:**

The Builders Club under the Department of Civil Engineering, in association with the SAC MITS, have organized a Guest lecture on “Low-Cost Housing” on 15<sup>th</sup> December 2022 from 10:00 am to 11:30 am at seminar hall-A in hybrid mode. The virtual event began with the welcome speech by Dr. P. Ramanathan (Vice Principal Academics) and Dr. Dipankar Roy (HOD, Civil Engineering), followed by the opening speech of Dr. Priyam Nath Bhowmik (FIC- Builders Club). The session started at 10 am with a prior briefing about the resource person of the day Dr. M.L.V Prasad by A. Vyshnavi (Student Co-Ordinator, Builders Club). The session was very good and the seminar hall was occupied to its fullest. The total count of the participants was 138 from the Department of Civil Engineering, MITS Madanapalle. The guest lecture session was supported by the respected management of MITS, Madanapalle and also the Student Activity Center (SAC). The session maintained the expected quality from the resource person, and was open to discuss queries of the participants. The session was extended for 10 mins and ended at 11: 40 am. The session was concluded and followed by vote of thanks given by Dr. Priyam Nath Bhowmik, Assistant Professor, Department of Civil Engineering. We are extremely thankful to MITS institution and

management, Principal MITS, Student Activity Center (SAC) for their continuous support to make this event a sparkling successful one.

**Topics Discussed:**

- Different types of building construction.
- New materials for the use of construction in building.
- Difference between High Strength Concrete and High-Performance Concrete.
- Latest technologies in building low-cost houses.
- Pre-Cast construction materials for buildings.

**Target Audience:**

B. Tech undergraduates from Civil Engineering Department.

**Take-away from the session:**

- The Civil Engineering undergraduates learned about the new construction materials.
- The young minds were equipped with the techniques to construct economical buildings.
- Research interest in Material Science (for Civil Engineering constructions).

## Captured Moments:



Vice-Principal addressing the gathering



Occupancy of the Students from Civil Engineering just before the session beginning



During the session



Builders Club

**Invitation letter for Guest Lecture**

Dr Priyam Nath B <drpriyamnathb@mits.ac.in>

Tue 12/13/2022 10:56 AM

To: mlvprasad@civil.nits.ac.in <mlvprasad@civil.nits.ac.in>; prasadsmlv@gmail.com <prasadsmlv@gmail.com>

Cc: HoD-Civil Engineering <civilhod@mits.ac.in>

*Respected Dr.M.L.V Prasad,*

*Sir, I hope this message finds you well. I am honored to invite you to be the guest speaker at our very first event of Builders Club. Our event is to be held on 15/12/2022 from 10:00 am to 11:30 am at the Seminar Hall A/B in Madanapalle Institute of Technology and Science (MITS). We know that you are a terrific speaker and our attendees and delegates will gain much from your talk on "Low Cost Housing and new materials in Construction". This Guest Lecture is an event being hosted by the Department of Civil Engineering, MITS College under the roof of Builders Club. We expect our audience to be in the region of 100 to 150. Our goal is to bring keen interest in Civil engineering new potentials to the Civil Engineering graduates from the college, together to give them inspiration about what this event is hoping to achieve with our program for igniting young minds about the Low Cost Housing and the new advancements in construction materials. We want to provoke discussion about the program and raise awareness of research in the young minds. Talking about the Club, The **Builders Club** is a newly formed club in the department with a target to bring innovation and innovative ideas in the field of Civil Engineering. The Club is looked after by the **Faculty in-charge**: Dr. Priyam Nath Bhowmik and **Student Co-Ordinator**: A. Vyshnavi under the effective guidance of **HOD**: Dr. Dipankar Roy along with active student members. We would be overwhelmed if you accept our invitation for the same. Waiting for your kind reply.*

*with warm regards,*

**Dr. Priyam Nath Bhowmik**  
**Assistant Professor**  
Department of Civil Engineering  
**MITS, Andhra Pradesh**

12/16/22, 4:48 PM

Mail - Dr Priyam Nath B - Outlook

**Re: Invitation letter for Guest Lecture**

Dr.L.V.PRASAD Meesaraganda <mlvprasad@civil.nits.ac.in>

Tue 12/13/2022 12:54 PM

To: Dr Priyam Nath B <drpriyamnathb@mits.ac.in>

Dear Priyam

Thank you for the invitation and I am glad to attend as a *guest speaker at the very first event of Builders Club, Madanapalle Institute of Technology and Science (MITS), A.P.*

I will be there on 15.12.2022 from 10.00 to 11.30 am and the topic is "Low Cost Housing".

with regards.

Dr.M.L.VARA PRASAD, M.Tech, Phd (NIT, Warangal),A.M ASCE, M.I.E, M.ISTE  
Associate Professor & Associate Dean (P&D)

Department of Civil Engineering,

National Institute of Technology Silchar

(An Institution of National Importance under MHRD, Govt. of India)

Silchar-788010.

e-mail id: [mlvprasad@civil.nits.ac.in](mailto:mlvprasad@civil.nits.ac.in)

mobile number : +91 8133013175.



Attendance:

Department

Guest Lecture on "Low-Cost Housing on 15-12-2022

for first years

S.NO	Roll NO	Student Name	Signature
1	22691A0118	M. Likhitha	M. Likhitha
2	22691A0117	K. Lahari	K. Lahari
3	22691A0116	G. Karthik	G. Karthik
4	22691A0110	B. Gnana prasanna	B. Gnana prasanna
5	22691A0134	N. Varshini	Varshini N
6	22691A0108	G. Dharani	G. Dharani
7	22691A0105	Y. Aswini	Y. Aswini
8	22691A0133	P. Theekthavasi	P. theekthavasi
9	22691A0122	C. Navya sree	C.S
10	22691A0112	B. Haritha	B. Haritha
11	22691A0114	S. Jeevana	S. Jeevana
12	22691A0125	P. pavithra	P. pavithra
13	22691A0107	S. Basheer Ahammad	S. Basheer Ahammad
14	22691A0138	V. Vishnu Bhagavath	V. Vishnu Bhagavath
15	22691A0126	V. priyanay	V. priyanay
16	22691A0124	M. Mohan Reddy	M. Mohan Reddy
17	22691A0115	C. Jubex	C. Jubex
18	22691A0109	H. Dilli Prasad	H. Dilli Prasad
19	22691A0130	A. Suresh	A. Suresh
20	22691A0119	M. Mahendra	M. Mahendra
21	22691A0121	B. Narendran	B. Narendran
22	22691A0102	K. Ajay Kumar	K. Ajay Kumar
23	22691A0128	V. Venkatesh	V. Venkatesh
24	22691A0104	S.K. mohamad Faisal	M.K.M. Faisal
25	22691A0127	K. Raja Reddy	K. Raja Reddy
26	22691A0128	B. Anjitha Kumari Reddy	B. Anjitha Kumari Reddy
27	22691A0136	V. Venkatesh	V. Venkatesh
28	22691A0129	P. Reddy Prasad	P. Reddy Prasad
29	22691A0137	M. Vinod Kumar	M. Vinod Kumar
30	22691A0139	K. Yogananda	K. Yogananda
31	22691A0110	S. Mohammed Adil	S. Mohammed Adil
32	22691A0103	M. Akshayappa	M. Akshayappa
33	22691A0123	S. Nirmalitha	S. Nirmalitha
34	22691A0131	M. Tharun Ganesh	M. Tharun Ganesh

35	22691A0106	SHAIK AZARUDDIN	<del>ASAB</del>
36	22691A0132	G. Thayyub	<del>th</del>
37			
38			
39			
40	21691A0106	K. Baba Pakruddin (2 <sup>nd</sup> year)	K.R. f
41	22695A0106	Y. Naveen Kumar (2 <sup>nd</sup> year)	Y. Naveen
42	22695A0104	B. Anitha Lakshmi (2 <sup>nd</sup> year)	B. Anitha
43	22695A0105	Uma bala (2 <sup>nd</sup> year)	Uma bala
44	21691A0139	B. Uday Kiran (2 <sup>nd</sup> year)	B. Uday Kiran
45	21691A0120	P. Narendritha (2 <sup>nd</sup> year)	P. Narendritha
46	21691A0127	S. Saif Ali (2 <sup>nd</sup> year)	S. Saif Ali
47	21691A0133	S. Sunny Kumar (2 <sup>nd</sup> year)	Sunny
48	21691A0116	S. Madhu Kumar (2 <sup>nd</sup> year)	S. Madhu Kumar
49	21691A0119	E. Nandivardhan Reddy (2 <sup>nd</sup> year)	E. Nandivardhan
50	21691A0125	B. Saritha (2 <sup>nd</sup> year)	B. Saritha
51	22695A0108	X. Raju (2 <sup>nd</sup> year)	X. Raju
52	22695A0111	G. Uday Kiran (2 <sup>nd</sup> year)	G. Uday Kiran
53	22695A0112	P. Venu Gopal Reddy (2 <sup>nd</sup> year)	P. Venu Gopal Reddy
54	21691A0143	R. Vamsi Kumar	R. Vamsi Kumar
55	21691A0144	P. V. Nagi Reddy	P. V. Nagi Reddy
56	21691A0147	B. Yaswanth Naik W	B. Yaswanth Naik W
57	21691A0112	P. Ganga Sagar	P. Ganga Sagar
58	22695A0105	S. M. Uthar Babu	S. M. Uthar Babu
59	22695A0103	K. Gangeeswari	K. Gangeeswari
60	21691A0142	T. Vamsi Krishna	T. Vamsi Krishna
61	21691A0107	S. Chandu	S. Chandu
62	21691A0122	C. Ravi Teja	C. Ravi Teja
63			
64			
65			
66			
67			
68			
69			
70			

for second & third year.

	Roll NO.	Name	Year	Signature
73	21691A0146	A. Vyshnavi	2nd year	A. Vyshnavi
74	21691A0134	K. Sushmita	2nd year	K. Sushmita
75	20691A0110	M. Mangna	2nd year	M. Mangna
76	20691A0106	D. Karthik Varma	2nd year	Karthik
77	21695A0106	T. Bhargavi	"	T. Bhargavi
78	21695A0112	N. Jyothi	"	N. Jyothi
79	21695A0115	K. Kousalya	"	K. Kousalya
80	21695A0141	K. Vyshnavi	"	K. Vyshnavi
81	21695A0110	C. Gayathri	"	C. Gayathri
82	21695A0129	B. Sarvani	"	B. Sarvani
83	21695A0136	V. Uha Priya	"	V. Uha Priya
84	20691A0115	S. Sasikumari	"	S. Sasikumari
85	20691A0121	Vijayalakshmi	"	Vijayalakshmi
86	21695A0133	C. Shobhani	"	C. Shobhani
87	21691A0131	B. Sravani	2nd year	B. Sravani
88	21691A0138	B. Thulasi	"	B. Thulasi
89	21691A0141	R. Vyshnavi	"	R. Vyshnavi
90	21695A0102	G. Devi Mani	"	G. Devi Mani
91	21691A0145	M. Vijaya	"	M. Vijaya
92	21691A0135	R. Suroopa	"	R. Suroopa
93	21691A0130	M. Shreeja	"	M. Shreeja
94	21691A0112	Gnanabika	"	Gnanabika
95	21691A0113	P. Hari Priya	"	P. Hari Priya
96	22695A0101	Y. Anusha	"	Y. Anusha
97	22695A0107	R. Preeti	"	R. Preeti
98	22695A0114	G. Lavanya	"	G. Lavanya
99	21691A0114	G. Hema Latha	2nd year	G. Hema Latha
100	21695A0114	G. KISHORE	2nd year	G. KISHORE
101	21695A0124	M. Rajasekhar	2nd year	M. Rajasekhar
102	21695A0135	K. Vdaya Kiran	2nd year	K. Vdaya Kiran
103	21695A0111	G. Hanikendra Reddy	"	G. Hanikendra Reddy
104	21695A0113	M. Kiran	"	M. Kiran
105	21695A0118	M. Mananabik	"	M. Mananabik
106	21695A0122	B. Purushokan	"	B. Purushokan
107	21695A0117	G. Mani Kanta Reddy	"	G. Mani Kanta Reddy
108	21695A0131	H. Shanwas	"	H. Shanwas
109	21695A0104	T. Balabangadhar	3rd year	T. Balabangadhar
110	21691A0101	P. Abubakar Siddiq Khan	"	P. Abubakar Siddiq Khan

111	21691A0128	T.S. Sakeer Aci 2 <sup>nd</sup> year	<del>Aw</del>
112	20691A0105	P. Jaganath Reddy 3 <sup>rd</sup>	<del>ferudh</del>
113	20691A0106	A. Kaethik Varma 3 <sup>rd</sup>	<del>Greth</del>
114	20691A0104	B. Govardhan 3 <sup>rd</sup>	<del>Gauh</del>
115	20691A0103	M. Braadwaj 3 <sup>rd</sup>	<del>Threer</del>
116	20691A0112	M. Sai Kiran 3 <sup>rd</sup>	<del>Idur</del>
117	21695A0132	T. shiva Shankar 3 <sup>rd</sup> year	T. shirafanur
118	21695A0121	S. Naveen kumar 11	S. Nave
119	21695A0105	K. Balaji 3 <sup>rd</sup> year	Bala
120	21695A0101	St. Abdul Fahad 3 <sup>rd</sup> Year	Sa
121	21611A0140	M. uday Kiran 2 <sup>nd</sup> year	clg.
122	21691A0132	S. Smit Kumar 2 <sup>nd</sup> year	S. Smit Kumar
123	21691A0121	S. Nawa Zasha "	<del>nuess</del>
124	21691A0110	Y. Dinesh Kumar Reddy	Dinesh . Y
125	21691A0115	G. Lakshmi Palhi 2 <sup>nd</sup> year	G. Lakshmi Palhi
126	21691A0109	H. Dadapeer "	H. Dadapeer
127	20691A0128	M. Yeshwanth Reddy 2 <sup>nd</sup> year	M. Yeshwanth Reddy
128	20691A0114	V. Sairam Reddy 3 <sup>rd</sup> year	V. Sairam Reddy
129	20691A0117	B. Smaran "	Smaran
130	20691A0119	Surya prakash "	Surya
131	21695A0126	B. yaswanth krishna "	Yashwanth
132	21695A0102	p. Arceft "	p. Arceft
133	20691A0116	p. shadan saman "	Shade.
134	20691A0123	p. Abhishek "	Abhishek
135	20691A0118	Surath kurman "	Surath
136	21695A0125	A. Ranjith kumar "	A.
137	21695A0119	B. Naga Sankhulu "	<del>B. Naga Sankhulu</del>
138	21695A0122	K. Pavan Teja 3 <sup>rd</sup> year	K.P.
139	21695A0103	B. Asif 3 <sup>rd</sup> year	B. Asif
140	20691A0109	M. Mahendra 3 <sup>rd</sup> year	M. Mahendra
141	20691A0113	K. Sai Teja 3 <sup>rd</sup> year	Sai
142	21695A0134	T. Tejananda Reddy 3 <sup>rd</sup> year	T. Tejananda
143	21695A0120	C. Naga shivudu 3 <sup>rd</sup> year	C. Naga shivudu
144	20691A0101	Ashish chandhary 3 <sup>rd</sup> year	Ashish chandhary
145	20691A0108	D. Jyothi Sai 3 <sup>rd</sup> year	D. Jyothi Sai
146	21695A0140	N. Vishnu Prakash "	N. Vishnu Prakash
147	21695A0116	K. VL Abhishek "	K. VL Abhishek
148	21695A0131	N. S. Abhishek "	N. S. Abhishek
	21695A0107	A. chandan mahesh	P. chandan mahesh

## Feedbacks:

NAME OF THE STUDENT	Roll no. of the student	Year of study	Score	Feedback on guest lecture
A.Vyshnavi	21691A0146	2	5	I was enlightened by the lecture. It was so useful
Mochi Shreeja	21691A0130	2	5	Excellent teaching
VATHA VENKATA NAGI REI	21691A0144	2	4	Good
M SIVAKUMAR	22695A0109	2	5	Nice
G Udaykiran	22695A0111	2	5	GOOD SIR
K.Gangeeswar	22695A0103	2	5	No comments
M.Vijaya	21691A0145	2	5	Very useful
B Sravani	21691A0131	2	4	Good
P Venugopal Reddy	22695A0112	2	4	The way
G Udaykiran	22695A0111	2	5	THANK YOU AND GOOD SIR
AREKANTI RAJU	22695A0108	2	5	Way of explanation is superb
G Harivendra Reddy	21695A0111	3	5	Good
Uhapriya. V	21695A0136	3	5	Useful for us
P.JASWANTH REDDY	20691A0105	3	5	VERY GOOD
Duggireddy venkatesh	19691A0158	4	5	Nice
V SUKESHKUMAR	20691A0118	3	5	Excellent
B. Sai vani	21695A0129	3	5	Good
IGIREDDY MANIKANTA REI	21695A0117	3	4	Wonderful
B Yaswanth Krishna	21695A0126	3	4	Good
Nandivardhan Reddy	21691A0119	2	5	Excellent
Atan abubakar siddiq khar	21691A0101	2	5	Good information
Bukke Yaswanth Naik	21691A0147	2	5	Good lecture
S.chandu	21691A0107	2	5	Very Good
Saiteja	21691A0125	2	5	Lecturer is good
Y. Naveen kumar	22695A0106	2	4	Good
Ramishetty Swaroopa	21691A0135	2	5	Good teaching
R. Vyshnavi	21691A0141	2	4	Nice
V.Saikrupa	21691A0124	2	4	Way teaching is in very good manner
Kadiri.Sushmitha	21691A0134	2	5	He is excellent in the low -cost housing
Gunda Lakshmi Pathi	21691A0115	2	5	Good
G Lavanya	22695A0114	2	4	Good information
Preeti	22695A0107	2	4	That was good information . Nice ideas
B Thulasi	21691A0138	2	5	Good explanation sir
V.Saikrupa	21691A0124	2	4	Good way of teaching
C. Ravi theja	21691A0122	2	5	It is a good explanation about reducing housing cost
DEVIMANI	22695A0102	2	5	Easily understandable words.. help a lot in design
Indhumathi	22695A0113	2	5	Motivated by his lecture
N Anjali	21691A0105	2	5	His idea was very good ,if implement that idea
Bharatam alamvali	21691A0103	2	5	Its very useful to us
G. Hema Latha	21691A0114	2	5	It's very good idea
B.vijaya lakshmi	20691A0121	3	5	Good
B Asif	21695A0103	3	4	Good content
T Balagangadhar	21695A0104	3	4	Nice lecture, it's worth to hear
K Sai Teja	20691A0113	3	5	Good
Chellu gayathri	21695A0110	3	5	Good
S Madhu Kumar	21691A0116	2	5	Good lecturer

P. Areef	21695A0102	3	5	Nice lecture
M Mohan Naik	21695A0118	3	5	Good
K Udaya Kiran	21695@A0135	3	3	Good leacher and we feel low due to interne
Derangula Charan Teja	21691A0108	2	4	The presentation was not good
Nandivardhan Reddy	21691A0119	2	5	Excellent
K.Baba Fakruddin	21691A0106	2	5	Well, it's very good idea
B Govardhan	20691A0104	3	4	Good
PReddy Prasad	22691A0129	1	5	Good
B ranjith Kumar Reddy	22691A0128	1	4	I was enlightened by the lecture. It was so us
Gopidinni dharani	22691A0108	1	5	Low cost housing is very good
Chinthirla Navya sree	22691A0122	1	5	Low-cost Housing is very good
Yanamala Aswini	22691A0105	1	5	Low cost housing is good
Gattu ajay	22691A0101	1	5	great lecture
M.vinod kumar	22691A0137	1	5	Nice
S.Basheer Ahammad	22691A0107	1	5	Good Explanation
M.OBULREDDY	22691A0124	1	5	Nice explanation on "low cost houseing"
V.pranay	22691A0126	1	5	Sir please tell me students our ancestors adv
B. Nagendra	22691A0121	1	5	Good
B ranjith Reddy	22691A0128	1	5	nice lecture
Konkala raja reddy	226910A127	1	5	great lecture
B.haritha	22691A0112	1	5	Low cost housing is very good
Y.Anusha	22695A0101	2	5	Lecture so useful
Shoyeb ansari	21691A0129	2	4	Good
sunny kumar	21691A0133	2	4	good
Shoyeb ansari	21691A0129	2	5	Good

  
PRINCIPAL  
PRINCIPAL

Madanapalle Institute of Technology & Science  
PO Box NO 14, Kadiri Road, Angalla  
MADANAPALLE 517356 A.P.